IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:

J.C.M. Smeekens et al.

Attorney Docket No.: ARNO121867

Filed:

Concurrently Herewith

Title:

PRODUCTION OF OLIGOSACCHARIDES IN TRANSGENIC PLANTS

INFORMATION DISCLOSURE STATEMENT

Seattle, Washington 98101

October 21, 2003

TO THE COMMISSIONER FOR PATENTS:

Applicants are aware of the information listed in the attached form that may be material to the prosecution of the above-identified patent application.

- _X_ This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior 1. Application No. 09/534,861, filed March 24, 2000. The references listed on the attached form were submitted to and/or cited by the Patent and Trademark Office in this prior application and, therefore, are not required to be provided in this application.
- 2. This Information Disclosure Statement is being filed concurrently with the above-X identified application.

Respectfully submitted,

CHRISTENSEN O'CONNOR JOHNSON KINDNESSPLLC

Registration No.

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INFORMATION CITED BY APPLICANTS THAT MAY BE MATERIAL TO THE PROSECUTION OF THE SUBJECT APPLICATION

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U.S. PATENT DOCUMENTS

*Examiner Cite		Kind	Date		
Initials No.	Document No.	Code	(mm/dd/yyyy)	Name	
U1	4,801,540		01/31/1989	Hiatt et al.	
U2	4,927,811		05/22/1990	Quarles	

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*Examiner Cite		Kind	Publication Date		English	T 1.1	
Initial	No.	Document No.	Code	(mm/dd/yyyy)	Country	Abstract Provided	Translation Provided
	F1	AU 9527878		01/04/1996	Australia		
 	F2	CA 2076647		08/24/1991	Canada		
	F3	CA 2171313		03/16/1995	Canada		
· · · · · · · · · · · · · · · · · · ·	F4	CA 22142308		03/03/1994	Canada		
	F5 ♦	DE 42 27 061		02/17/1994	Germany		X
	F6*	DE 43 30 960		03/16/1995	Germany	X	
	F7**	DE 44 20 223		05/04/1995	Germany	X	
	F8	EP 0 133 547		02/27/1985	EPO		X
	F9	EP 0 474 046		03/11/1992	EPO		X
	F10	GB 2072679		10/07/1981	UK		
	F11	JP-A-58201980		11/25/1983	Japan	X	
	F12	JP-A-02163093		06/22/1990	Japan	X	
	F13	WO 89/12386		12/28/1989	WIPO		X

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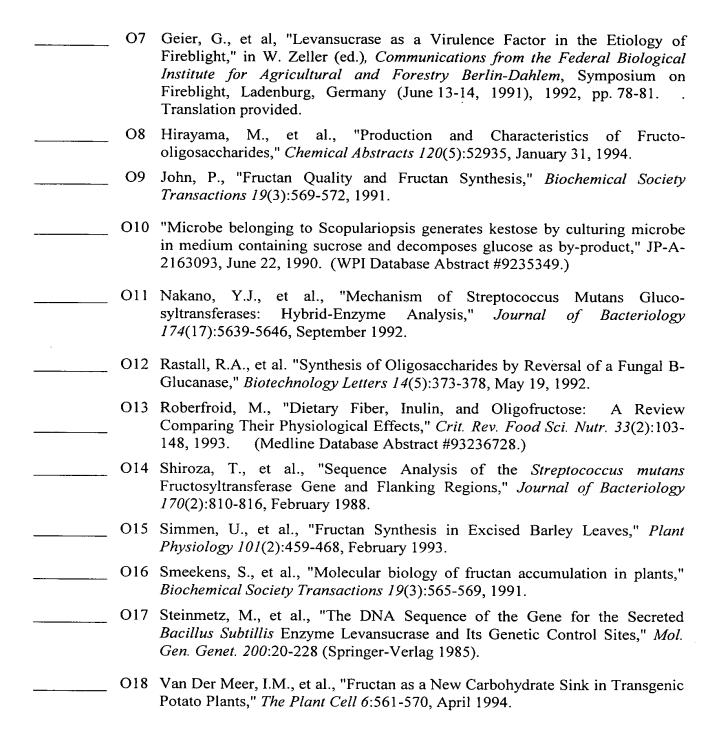
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		F14	WO 91/13076		09/05/1991	WIPO		
_		F15	WO 93/07159		04/15/1993	WIPO		X
		F16	WO 94/04692		03/04/1994	WIPO		
_		F17	WO 94/14970		07/07/1994	WIPO		
		F18	WO 94/27617		12/08/1994	WIPO	X	
		F19	WO 95/13389		05/18/1995	WIPO		
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**	DE 442	20223	(See Australian I	atent 1	No. 9527878 for En	glish language translati	on.)	

OTHER INFORMATION (Including Author, Title, Date, Pertinent Pages, Etc.)

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	O1	Bancal, P., et al., "Fructan Chemical Structure and Sensitivity to an Exohydrolase," <i>Carbohydrate Research</i> 217:137-151, 1991.
	O2	"Bifidus Growth-Stimulating Substances," Chemical Abstracts 100(17):137377, April 23, 1994.
	О3	Chatterton, N.J., et al., "Structure of Fructan Oligomers in Orchardgrass (Dactylis glomerata L.)," J. Plant Physiology 142:552-556, 1993.
	O4	Cote, G.L., et al., "Purification and Properties of an Extracellular Levansucrase from <i>Erwinia herbicola</i> NRRL B-1678," <i>Carbohydrate Research</i> 190:299-307, 1989.
	O5	Ebskamp, M.J.M., et al., "Accumulation of Fructose Polymers in Transgenic Tobacco," <i>Bio/Technology 12</i> :272-275, March 1994.
	O6	Fuchs, A., "Current and Potential Food and Non-Food Applications of Fructans," <i>Redesigning Crop Products for Biotechnology</i> 19:555-560, 1991.

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	O19	Vijn, I., et al., "Fructan of the inulin neoseries is synthesized in transgenic chicory plants (<i>Cichorium intybus</i> L.) harbouring onion (<i>Allium cepa</i> L.) Fructan:Fructan 6G-Fructosyltransferase, <i>Plant J. 11</i> (7):387-398, 1997.
	O20	Yamamoto, S., et al., "The Mode of Synthesis of Levan by Bacillus Subtilis Levansucrase," <i>Agricultural and Biological Chemistry</i> 49(2):343-349, February 1985.
Examiner		Date Considered

*Examiner: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609; draw line through citation if not in conformance <u>and</u> not considered. Include copy of this form with next communication to applicants.

DKS:cj/ctg